

Food Processing Workshops for Compliance and Enforcement Staff and Technical Assistance Providers



Pollution Prevention Services invites you to participate in a two-day workshop on how pollution prevention (P2) techniques and environmental management systems (EMS) can assist food processing facilities in improving both environmental compliance and their bottom line.

Workshop Location

When: Wednesday December 14th & Thursday December 15th

Where: Scheman Building, Iowa State Center, Ames

- A map can be found at <http://www.fpm.iastate.edu/maps/southeast.asp>

Workshop

Many of Iowa's food processors have already improved compliance, increased profits and enhanced the quality of Iowa's environment by implementing P2 projects and EMS. Many companies have independent initiatives. Some have developed specific EMS and P2 initiatives with support from IDNR and the Iowa's technical assistance programs for business:

- A meat processing company that participated in a 15-month joint EMS/P2 project with the Iowa Waste Reduction Center and Pollution Prevention Services subsequently reported that, a year after implementing its EMS, it had already saved \$637,000 and reduced its solid waste volume by 28%. The company has anticipated tripling its reduction of wastes and increasing savings in the second year of operating under the EMS.
- A frozen foods facility identified, with the support of a Pollution Prevention Intern, basic opportunities such as, improved employee training and the use of a more efficient floor drain screen that would save an estimated \$48,000/year and divert a ton/day of food scraps from the sewer.
- Another Pollution Prevention Intern supported a facility producing sauces and gravy in identifying operational improvements reducing wastes by 19 tons and saving over \$50,000/year.

Technical assistance and compliance staff can help to support and accelerate the trend to more extensive and effective use of EMS and P2 techniques.

This workshop will provide a basic framework for developing EMS and identifying P2 opportunities. It will also feature industry experts who will share their experiences with EMS and P2: the compliance, environmental performance and bottom line benefits; the barriers to developing an EMS or identifying P2 techniques under the daily pressure of facility operations; and the selling points for managers. The workshop will also consider ways in which compliance and technical assistance staff could collaborate to encourage implementation of EMS & P2 techniques.

Registration:

\$ 35.00 per person. Please send your payment with the form on this brochure.

Agenda

Day 1

EMS

- What is EMS?
- Value/Cost of EMS
- How to communicate about EMS with company
- Recognizing signs of excellent EMS
- How companies use EMS to assure in compliance
- How to use EMS for inspection
- Review

Day 2

Pollution Prevention

- Principles & obstacles
- P2 planning & incorporation into EMS
- Areas of emphasis:
 - Energy efficiency
 - Water use
 - Alternative, more efficient technologies
- Low-hanging fruit in food processing industry
- How can inspectors promote P2?
- P2 SEPs

State technical assistance providers for food processing industry

- Roles, resources & capabilities of providers
 - Who does what?
 - Who should facility go to for particular problems?
- Points of contact?
- Steps for improving coordination in response to needs of food processors

Review

Registration Form

30-3078

Name _____ Phone _____
Company Name _____
Address _____
City _____ State _____ Zip _____
E-mail Address _____

☐ I have a dietary restriction. Please specify _____.

Please send registration forms to: Jeff Fiagle, IDNR, 502 E. 9th Street, Des Moines, IA, 50319